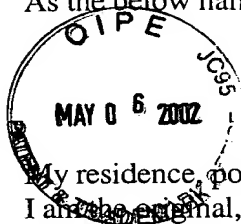


COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
- (b) ☒ was filed on December 7, 1999 as 09/457,421
☐ Serial Number
☐ Express Mail No. , as Serial Number not yet known
- (c) ☐ was described and claimed in PCT International Application No. filed
on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 9 2002
OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

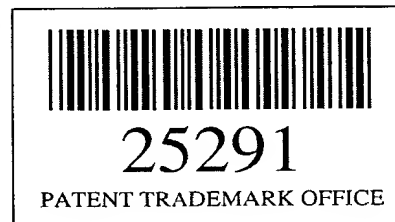
POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:

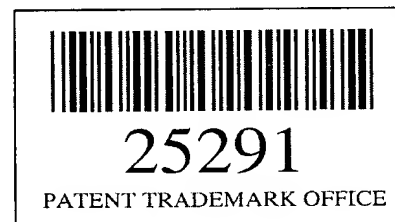


Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature Alan R. Davis Date 4/01/2002

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2299 Orchard Hill Circle, Warrington, Pennsylvania 18976
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

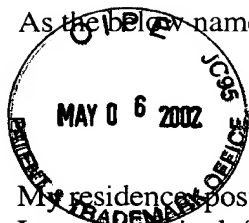
Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence

COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
- (b) ☒ was filed on December 7, 1999 as 09/457,421
☐ Serial Number
☐ Express Mail No. , as Serial Number not yet known
- (c) ☐ was described and claimed in PCT International Application No. filed
on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120**

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:

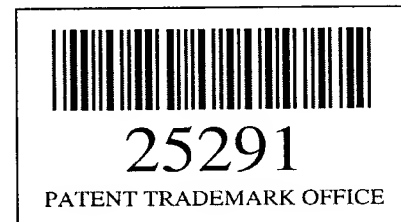


Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature Michael D. Lubek Date 04/03/02

Country of Citizenship: United States of America
Residence : 20 Gayton Drive, Highland Mills, New York, 10930
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 63 Vones Lane, Raritan, New Jersey 08869
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

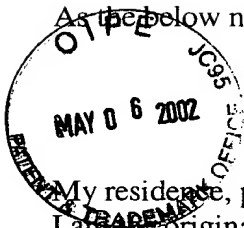
Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence

COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 7, 1999 as 09/457,421
 ☐ Serial Number
 ☐ Express Mail No. , as Serial Number not yet known
(c) ☐ was described and claimed in PCT International Application No. filed
 on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 09 2002
OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventors certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120**

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:



Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

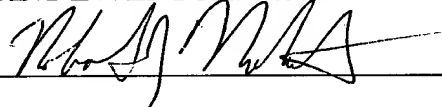
Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature  _____ Date 3-29-02

Country of Citizenship: United States of America
Residence : 63 Vones Lane, Raritan, New Jersey 08869
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

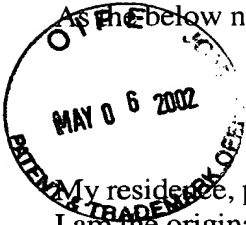
Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence

COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
- (b) ☒ was filed on December 7, 1999 as 09/457,421
☐ Serial Number
☐ Express Mail No. , as Serial Number not yet known
- (c) ☐ was described and claimed in PCT International Application No. filed
on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 09 2002
OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120**

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

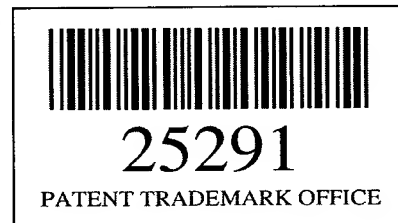
POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:

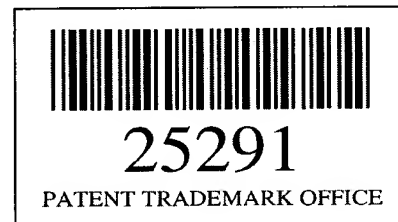


Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2299 Orchard Hill Circle, Warrington, Pennsylvania 18976
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature Pranab K. Chanda Date 3/29/02

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

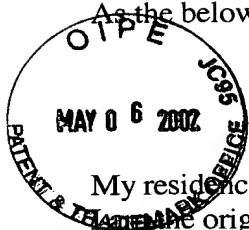
Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence

COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 7, 1999 as 09/457,421
 ☐ Serial Number
 ☐ Express Mail No. , as Serial Number not yet known
(c) ☐ was described and claimed in PCT International Application No. filed
 on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 09 2002

OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120**

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

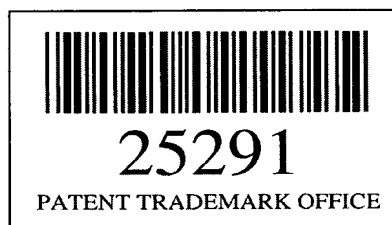
POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:

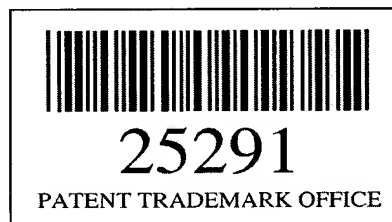


Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2299 Orchard Hill Circle, Warrington, Pennsylvania 18976
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature Shridhara C. S. Murthy Date 3/27/02

Country of Citizenship: ~~India~~ U.S.A
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence



COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)

As the below named inventor, I hereby declare that:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 7, 1999 as 09/457,421
 ☐ Serial Number
 ☐ Express Mail No. , as Serial Number not yet known
(c) ☐ was described and claimed in PCT International Application No. filed
 on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 09 2002
OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:



Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2299 Orchard Hill Circle, Warrington, Pennsylvania 18976
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature Shaw-Guang L. Lee Date 4-1-02

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature _____ Date _____

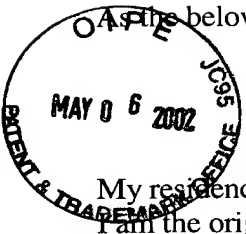
Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence

#6

COMBINED DECLARATION AND POWER OF ATTORNEY
(Original, Design, Supplemental, Divisional, Continuation, CIP)



The below named inventor, I hereby declare that:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RECOMBINANT ADENOVIRUS VACCINES

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 7, 1999 as 09/457,421
 ☐ Serial Number
 ☐ Express Mail No. , as Serial Number not yet known
(c) ☐ was described and claimed in PCT International Application No. filed
 on and as amended under PCT Article 19 on (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

RECEIVED
MAY 09 2002
OFFICE OF PETITIONS

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☐ Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

Earliest Foreign Application(s), if any, filed within 12 months (6 months for Design) prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed 35 USC 119

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120

U.S. Applications		Status (Check One)		
U.S. Applications	U.S. Filing Date	Patented	Pending	Abandoned
07/926,491	08/07/92	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/105,232	08/11/93	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08/276,289	07/20/94	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PCT Applications Designating U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NO. ASSIGNED (if any)

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



Customer Number: 25291

Bar Code:



Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Customer Number: 25291

Bar Code:



DIRECT ALL TELEPHONE CALLS TO:

Name: Bill T. Brazil

Tel. No. 732-274-4843

DECLARATION

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Alan R. DAVIS

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 4411 Oak Forest Drive, Missouri City, Texas 77459
Post Office Address: Same as Residence

Full name of SECOND JOINT INVENTOR: Michael D. LUBECK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2265 Spangler Road, York, Pennsylvania 17402
Post Office Address: Same as Residence

Full name of THIRD JOINT INVENTOR: Robert J. NATUK

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 2299 Orchard Hill Circle, Warrington, Pennsylvania 18976
Post Office Address: Same as Residence

Full name of FOURTH JOINT INVENTOR: Pranab K. CHANDA

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America
Residence : 30 Zaitz Farm Road, West Windsor, New Jersey 08550
Post Office Address: Same as Residence

Full name of FIFTH JOINT INVENTOR: Shridhara C. S. MURTHY

Inventor's Signature _____ Date _____

Country of Citizenship: India
Residence : 4677 Erin Court, Ann Arbor, Michigan 48105
Post Office Address: Same as Residence

Full name of SIXTH JOINT INVENTOR: Shaw-Guang L. LEE

Inventor's Signature _____ Date _____

Country of Citizenship: United States of America

Residence : 155 South Spring Mill Road, Villanova, Pennsylvania 19085

Post Office Address: Same as Residence

Full name of SEVENTH JOINT INVENTOR: Paul P. HUNG

Inventor's Signature Paul P. Hung Date 3/27/02

Country of Citizenship: United States of America

Residence : 506 Ramblewood Drive, Bryn Mawr, Pennsylvania 19010

Post Office Address: Same as Residence